Rec'd PCT/PTO

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



T 1887 A 1977 BUR 18 BARNA NAN BENJA BUJU 1888 A 1978 BUR BUR BURA BURA BURA BURA BARNA BARNA BARNA BARNA BARN

(43) International Publication Date 1 July 2004 (01.07.2004)

PCT

(10) International Publication Number WO 2004/055750 A1

(51) International Patent Classification7: G08B 17/10, H02H 1/06

(21) International Application Number:

PCT/AU2003/001684

(22) International Filing Date:

18 December 2003 (18.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2002953417

18 December 2002 (18.12.2002)

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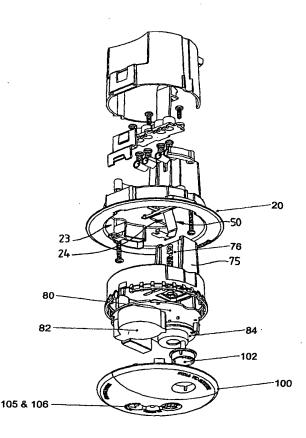
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: DETECTOR ASSEMBLY SUITED TO SMOKE ALARMS



(57) Abstract: A detector assembly (10) powered by mains electricity and an elongate backup battery (76) is disclosed. The assembly includes: a ceiling mountable base (10) having a body defining a downwardly opening socket (24); a detector module (20) having a battery support portion (75) for holding the battery (76) in a vertical orientation, the module (20) receivable by the socket (24); a quick connection means for mechanically and electrically connecting the module (20) to the base (10); and shutter (50) mounted to the base (10). The shutter (50) prevents operation of the quick connection means when no vertical battery (76) is installed within the module (20). The quick connection means comprises co-operable pairs of conductors. conductor pairs transmit power from the base (10) to the module (20). The pairs of conductors each comprise a stud conductor mounted to the base (10) and a forked conductor mounted to the module (20).

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